	Туре	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	341214	stamp or stamping or impression or inprint or imprint or	EPO; JPO; DERWENT;	2005/03/11 17:25
2	BRS	L2	3640	postage near (meter or metering or server)	· ·	2005/03/11 17:25
3	BRS	L3	25772	near5 (vault or module or chip or card or psd or	USOCR;	2005/03/11 17:26
4	BRS	L4	3255	net or network or lan or	USPAT; USOCR; EPO; JPO;	2005/03/11 17:26
5	BRS	L5	190	1 same 4	1	2005/03/11 17:27

	Туре	L #	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	377547	<pre>imprinting) nears (generate or generated or generating or generation or build or building or built or construct or</pre>	DSOCR; EPO; JPO; DERWENT; IBM_TDB	2005/03/11 17:27
7	BRS	L7	5856	6 near5 (remote or remotely or center or central or centrally)		2005/03/11 17:27
8	BRS	L8	67	5 and 7 Scanned Tiffb, Kwic all		2005/03/11 17:27

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Ъ	5/375; 5/381; 5/401	235 235 705	705/410	Kara; Salim G.	19981013	5822739 A	SD	8
25			380/51	Whitehouse; Harry T.	19991221	6005945 A	us	7
14	3/176	713	705/408	Ryan, Jr.; Frederick W.	20000627	6081795 A	SD	6
1 1	5/375; 5/401; 5/410	235 705 705	705/408	Heiden; Richard W. et al.	20001031	6141654 A	Sn	U
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13	5/495; 5/403; 5/59; 5/60	235 705 705 705	235/381	Bator; Felix et al.	20030916	6619544 B2	SD	ω
16	/51 /40 /40 /40 /40 /41	380 705 705 705 705	705/60	Cordery; Robert A et al.	20050308	6865557 B1	SD	N
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L8 results

US-PAT-NO: 6865557

DOCUMENT-IDENTIFIER: US 6865557 B1

TITLE: Network open metering system

DATE-ISSUED: March 8, 2005 INVENTOR-INFORMATION:

NAME **CITY** STATE ZIP CODE Cordery: Robert A Danbury CT N/A Lee; David K. Monroe CT N/A Pauly; Steven J. New Milford CTN/A Pintsov; Leon A West Hartford CT N/A Riley; David W. Easton CT N/A Ryan, Jr.; Frederick W. Oxford CT N/A

Trumbull

US-CL-CURRENT: 705/60, 380/51, 705/402, 705/403, 705/407, 705/408,

CT

N/A

705/410, 705/62

Weiant, Jr.; Monroe A

ABSTRACT: A transaction evidencing system includes a plurality of computer systems operatively configured to form a network with one of the computer systems functioning as a server and the remaining computer systems functioning as clients. Each of the computer systems includes a processor, memory and storage media. At least some of the storage means includes non-metering application programs that are selectively run on the client computer systems. An unsecured printer is operatively coupled to at least one of the computer systems for printing in accordance with the non-metering application programs. A portable vault card, which is removably coupled to the server computer system, includes digital token generation and transaction accounting processing. The client computer systems issue requests for digital tokens to the server computer system in response to requests for indicia from the non-metering application programs. The requests for digital tokens include predetermined information required by the token generation processing. The server computer system communicates with the vault card when the vault card is coupled to the server computer system, sending the requests for digital tokens to the vault card and receiving from the vault card the generated digital tokens. The server computer system sends each digital token to the client computer system that requested the digital token. The requesting client computer system generates an indicia bitmap from the digital token. The server computer system receives from the vault a transaction record that includes the digital token and the predetermined information and stores the transaction record in its storage media.

19 Claims, 10 Drawing figures Exemplary Claim Number: 1 Number of Drawing Sheets: 8

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Claims Text - CLTX (1): 1. A postage metering system comprising: a plurality of computers operatively connected as part of a computer network and operating as client computers on the computer network; at least one vault device coupled to at least one of the client computers (local client computer), said vault device including unique

identification, postal value storage means and digital token means; means in said client computers for functioning as a <u>postage metering network</u> wherein a client computer other than the local client computer (remote client computer) <u>requests evidence</u> of postage payment from the vault device for concluding a postage metering transaction.

Claims Text - CLTX (3): 3. The system of claim 2 wherein the <u>remote client computer initiates a postage metering</u> transaction in the vault device by sending a <u>request for evidence</u> of postage payment to the local client computer, said local client computer sends the <u>request for the evidence</u> of postage payment to the vault device, and wherein said local client computer receives transaction information.

Claims Text - CLTX (9): 9. The system of claim 1, further comprising: means in the remote client computer for initiating a postage metering transaction including means for sending a request for evidence of postage payment to the local client computer; means in said local client computer for forwarding the request for the evidence of postage payment to the vault device, means in said local client computer for receiving from the vault device transaction information including a postage amount and a digital token unique to the postage metering transaction; means for sending at least the postage amount and the digital token to the remote client computer; and means in said remote client computer for generating an indicium bitmap, including the postage amount and the digital token, for the postage metering transaction.

Claims Text - CLTX (18): 18. The system of claim 10, further comprising: means in the remote client computer for initiating a transaction including means for sending a request for a transaction evidence to the local client computer; means in said local client computer for forwarding the request for the transaction evidence to the security device; means in said local client computer for receiving from the security device transaction information including the transaction evidence and a digital token unique to the transaction; means for sending at least the transaction evidence and the digital token to the remote client computer; and means in said remote client computer for generating an indicium bitmap, including the transaction evidence and the digital token, for the transaction.